

RELAP5-3D Advanced Workshop

IRUG Meeting
October 3-5, 2016

Monday

Description

8:00 – 8:15	Introductions
8:15 – 9:15	Momentum Equation
9:15 – 9:45	Code Assessment Practices
9:45 – 10:00	Research Reactor Applicability
10:00 – 10:15	Break
10:15 – 11:00	Acceptance Criteria
11:00 – 11:30	Fluid Properties
11:30 – 12:00	Pump Model
12:00 – 13:00	Lunch
13:00 – 17:00	Pump Model Exercise

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Tuesday

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8:00 – 8:15	Thermal Stratification Model
8:15 – 8:30	Vertical Stratification Model
8:30 – 8:45	Output File Interpretation
8:45 – 10:00	Time Step Size Sensitivity Exercise
10:00 – 10:15	Break
10:15 – 10:30	Water Packing Model
10:30 – 10:45	Reflood Model
10:45 – 11:15	Pressurizer Model
11:15 – 12:00	Enclosure Models
12:00 – 13:00	Lunch
13:00 – 17:00	Enclosure Model Exercise

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Wednesday

	<u>Description</u>
8:00 – 9:00	Scaling
9:00 – 9:15	LOFT L2-5 Model Description
9:15 – 9:30	Steady State
9:30 – 12:00	Steady State Exercise
12:00 – 13:00	Lunch
13:00 – 14:00	Multi-dimensional Hydrodynamic Component
14:00 – 16:00	Reactor Protection and Control System Exercise
16:00 – 16:15	Heat Structure Nodalization
16:15 – 17:00	Heat Structure Nodalization Exercise